Title (en)
ENHANCING A REGION OF INTEREST IN VIDEO FRAMES OF A VIDEO STREAM

Title (de)
VERBESSERUNG EINER INTERESSENREGION IN VIDEORAHMEN EINES VIDEOSTROMS

Title (fr)
AMÉLIORATION D'UNE RÉGION D'INTÉRÊT DANS DES IMAGES VIDÉO D'UN FLUX VIDÉO

Publication
EP 3360330 B1 20210324 (EN)

Application
EP 16778371 A 20161007

Priority
• EP 15188984 A 20151008
• EP 2016073994 W 20161007

Abstract (en)
[origin: WO2017060423A1] A method for enhancing a region of interest in video frames of a video stream is described. The method includes receiving media data defining base video frames of at least one base stream, said base stream being associated with one or more enhancement tile streams, an enhancement tile stream comprising media data defining tiled video frames comprising a tile, said tile comprising media data for enhancing visual content in a subregion of the image region of the base video frames; requesting media data of one or more enhancement tile streams, preferably one or more HEVC enhancement tile streams, the one or more enhancement tile streams being associated with media data for enhancing visual content in the at least one region of interest; generating base video frames on the basis of media data of the at least one base stream and generating tiled video frames on the basis of media data of the one or more enhancement tile streams, the tiled video frames comprising one or more tiles forming visual content the at least one region of interest; and, replacing or blending at least part of the visual content of said at least one region of interest in the video frames of said base stream with at least part of said enhanced visual content of the tiled video frames.

IPC 8 full level
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CPC (source: EP US)
H04N 19/167 (2014.11 - EP US); **H04N 19/187** (2014.11 - EP US); **H04N 19/30** (2014.11 - EP US); **H04N 21/234327** (2013.01 - US); **H04N 21/85406** (2013.01 - EP US)

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